



Technical Datasheet

High Temperature Masking Discs RoHS Compliant PPD Series

Polyimide Masking Discs are made of high temperature polyimide film with Silicone adhesive. These discs are used in masking of circuit boards during wave soldering or other electronic manufacturing processes. They can be used in powder coating, automotive, and transformer manufacturing. They have high dielectric strength. These masking discs offer an excellent performance in electrical and thermal insulation.

APPLICATIONS: 3D Printing, Aerospace, Automotive, Electronic Assembly, Solar Panel Assembly, Wave Soldering.

TYPICAL PHYSICAL PROPERTIES ⁽¹⁾

Color	Amber
Adhesion Type	Silicone
Film	1 Mil
Adhesive	1.5 Mil
Total Thickness	2.5 Mil
Material	Polyimide
Adhesion to steel	25 oz./in.
Tension Strength	30 lbs./in.
Elongation	55 %
Dielectric Strength	6,500 Volts
Operating Temperature	260°C (500°F)

⁽¹⁾ Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.